

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

PLUS 4/21/04

Butler, Douglas

Fr m: PLUS
Sent: Wednesday, April 21, 2004 10:04 AM
To: Butler, Douglas
Subject: PLUS Results for 10605598

Here are the PLUS search results for 10605598.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10605598_QUAL.txt



10605598_LIST.txt



10605598_WEST.txt



10605598_EAST.txt



10605598.east



10605598_CLS.txt



10605598_CLSTITLES.txt



10605598_WDS.txt

xl

10605598_LIST

PLUS Search Results for S/N 10605598, Searched April 21, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4256209	5255874	6691393
5012901	4043431	5452780
6233533	4310131	4605103
5893445	4523499	4775034
4247124	4530881	4795003
6029781	4632227	4977985
6227340	4775114	4993519
4316529	4895236	5323880
5738189	5232231	5509507
4311219	5328008	6176352
4540067	5551262	4398681
4856620	5749416	4444296
4928798	6105730	4457408
5433298	6241056	4511019
4383593	6325185	4576255
4276963	6386340	4598799
4358002	4276965	4607730
4503944	4285417	4609076
4550810	4813145	4768624
4613021	5366047	4768625
4804071	5765667	4832165
6230852	4606436	4947966
4321984	5347858	4984661
4334597	5794738	5219046
4480725	6175778	5284227
4501346	6223863	5398923
4787482	6223863	5443133
4796730	3590537	5538105
4860865	4473139	5564533
5205382	4503950	5603395
5330034	4556130	5749273
5535857	4571009	5967272
5568846	4629037	6053990
5651430	4915198	6095291
5699881	4944370	6135259
5788026	4982818	6247560
5826685	4995484	4022298
5864935	5193652	4049090
5868233	5234080	4151766
5906253	5261508	4071121
6006869	5265942	4121925
6085875	5348382	4249642
6119828	5380074	4280073
6186285	5467847	4280597
6267209	5507367	4298857
4526329	5515948	4318306
4570874	5988613	4330049
6058982	6076639	4352415
6058982	6155953	4362524
5203434	6494299	4364095

10605598_EAST

(4256209
5012901
6233533
5893445
4247124
6029781
6227340
4316529
5738189
4311219
4540067
4856620
4928798
5433298
4383593
4276963
4358002
4503944
4550810
4613021
4804071
6230852
4321984
4334597
4480725
4501346
4787482
4796730
4860865
5205382
5330034
5535857
5568846
5651430
5699881
5788026
5826685
5864935
5868233
5906253
6006869
6085875
6119828
6186285
6267209
4526329
4570874
6058982
6058982
5203434) .pn.
(5255874
4043431
4310131
4523499
4530881
4632227
4775114
4895236
5232231

10605598_EAST

5328008
5551262
5749416
6105730
6241056
6325185
6386340
4276965
4285417
4813145
5366047
5765667
4606436
5347858
5794738
6175778
6223863
6223863
3590537
4473139
4503950
4556130
4571009
4629037
4915198
4944370
4982818
4995484
5193652
5234080
5261508
5265942
5348382
5380074
5467847
5507367
5515948
5988613
6076639
6155953
6494299) .pn.
(6691393
5452780
4605103
4775034
4795003
4977985
4993519
5323880
5509507
6176352
4398681
4444296
4457408
4511019
4576255
4598799
4607730
4609076

10605598_EAST

4768624
4768625
4832165
4947966
4984661
5219046
5284227
5398923
5443133
5538105
5564533
5603395
5749273
5967272
6053990
6095291
6135259
6247560
4022298
4049090
4151766
4071121
4121925
4249642
4280073
4280597
4298857
4318306
4330049
4352415
4362524
4364095) .pn.

10605598_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10605598 on April 21, 2004

Original Classifications

14 188/71.5
12 188/218XL
8 188/71.4
6 188/18A
6 188/71.6
4 188/71.1
4 188/71.8
3 188/1.11L
3 188/71.9
3 188/72.2
3 188/73.39
3 303/87
2 82/112
2 139/452
2 188/170
2 188/218R
2 188/250E
2 188/70R
2 188/73.32
2 192/13R

Cross-Reference Classifications

13 188/218XL
12 188/71.5
8 188/72.2
7 188/264AA
7 188/72.7
6 188/18A
6 188/71.8
6 188/72.9
6 188/73.39
6 192/111A
5 188/170
5 188/196P
5 188/196R
5 188/218A
5 188/250B
5 188/72.6
5 188/73.45
5 192/70
4 188/264G
4 188/369
4 188/71.6
4 188/71.7
4 188/72.3
4 188/72.4
4 188/73.1
4 192/107R
3 138/30
3 188/106F
3 188/250R
3 188/264R
3 188/71.4
3 188/73.31

10605598_CLS

3 188/73.35
 3 188/73.38
 3 192/107M
 3 192/30W
 3 192/83
 2 74/574
 2 188/1.11L
 2 188/1.11W
 2 188/171
 2 188/196BA
 2 188/196M
 2 188/217
 2 188/250E
 2 188/250G
 2 188/251A
 2 188/251M
 2 188/264A
 2 188/264D
 2 188/264E
 2 188/2D
 2 188/370
 2 188/72.1
 2 188/73.2
 2 188/73.32
 2 188/73.34
 2 188/73.43
 2 192/70.12
 2 192/70.13
 2 192/70.25
 2 192/70.27
 2 192/93R
 2 242/365.4
 2 280/93.512
 2 301/6.3
 2 301/6.91

Combined Classifications

26 188/71.5
 25 188/218XL
 12 188/18A
 11 188/71.4
 11 188/72.2
 10 188/71.6
 10 188/71.8
 9 188/73.39
 8 188/264AA
 8 188/72.7
 7 188/170
 6 188/196P
 6 188/196R
 6 188/218A
 6 188/72.9
 6 188/73.45
 6 192/111A
 6 192/70
 5 188/1.11L
 5 188/250B
 5 188/71.1
 5 188/72.4

5 188/72.6
5 188/73.1
5 192/107R
4 188/250E
4 188/264G
4 188/369
4 188/71.7
4 188/71.9
4 188/72.3
4 188/73.31
4 188/73.32
4 188/73.35
3 138/30
3 188/1.11W
3 188/106F
3 188/196BA
3 188/218R
3 188/250G
3 188/250R
3 188/251M
3 188/264A
3 188/264R
3 188/70R
3 188/73.2
3 188/73.38
3 188/73.43
3 192/107M
3 192/30W
3 192/70.13
3 192/83
3 303/87
2 29/416
2 74/574
2 82/112
2 139/452
2 188/1.11R
2 188/171
2 188/196M
2 188/217
2 188/251A
2 188/264D
2 188/264E
2 188/2D
2 188/370
2 188/71.3
2 188/72.1
2 188/72.5
2 188/73.34
2 188/73.37
2 192/13R
2 192/70.12
2 192/70.25
2 192/70.27
2 192/85AA
2 192/93R
2 242/365.4
2 242/422.8
2 267/161
2 280/93.512

10605598_CLS

2 301/6.3
2 301/6.91
2 340/454

10605598_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10605598 on April 21, 2004

26 188/71.5 (14 OR, 12 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.5 ..Plural rotating elements (e.g., "multidisc")

25 188/218XL (12 OR, 13 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/218R .Brake wheels
 188/218XL ..Disk type

12 188/18A (6 OR, 6 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/17 .Hub or disk
 188/18R ..Motor vehicle
 188/18A ...Disc brakes

11 188/71.4 (8 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.3 ..Antipodal, relatively separable brake
 elements
 188/71.4 ...Annular elements

11 188/72.2 (3 OR, 8 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.2 ...Self-force-increasing means

10 188/71.6 (6 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.6 ..With means for cooling brake

10 188/71.8 (4 OR, 6 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.7 ..With means to adjust for wear of brake
 188/71.8 ...Self-adjusting means

9 188/73.39 (3 OR, 6 XR)
 Class 188 : BRAKES

10605598_CLSTITLES

- 188/67 ROD
- 188/71.1 .Axially movable brake element or housing
 therefor
- 188/73.31 ..Retainer for brake element
- 188/73.39 ...Including torque member supporting brake
 element

- 8 188/264AA (1 OR, 7 XR)
- Class 188 : BRAKES
- 188/381 FRICTIONAL VIBRATION DAMPER
- 188/264R .Cooling and lubricating
- 188/264A ..Air-cooled, axially engaging
- 188/264AA ...Auto wheel type

- 8 188/72.7 (1 OR, 7 XR)
- Class 188 : BRAKES
- 188/67 ROD
- 188/71.1 .Axially movable brake element or housing
 therefor
- 188/72.1 ..With means for actuating brake element
- 188/72.7 ...By inclined surface (e.g., wedge, cam or
 screw)

- 7 188/170 (2 OR, 5 XR)
- Class 188 : BRAKES
- 188/381 FRICTIONAL VIBRATION DAMPER
- 188/166 .Spring
- 188/170 ..Fluid-pressure release

- 6 188/196P (1 OR, 5 XR)
- Class 188 : BRAKES
- 188/381 FRICTIONAL VIBRATION DAMPER
- 188/196R .Slack
- 188/196P ..Friction

- 6 188/196R (1 OR, 5 XR)
- Class 188 : BRAKES
- 188/381 FRICTIONAL VIBRATION DAMPER
- 188/196R .Slack

- 6 188/218A (1 OR, 5 XR)
- Class 188 : BRAKES
- 188/381 FRICTIONAL VIBRATION DAMPER
- 188/218R .Brake wheels
- 188/218A ..Dust guard

- 6 188/72.9 (0 OR, 6 XR)
- Class 188 : BRAKES
- 188/67 ROD
- 188/71.1 .Axially movable brake element or housing
 therefor
- 188/72.1 ..With means for actuating brake element
- 188/72.9 ...By pivoted lever

- 6 188/73.45 (1 OR, 5 XR)
- Class 188 : BRAKES
- 188/67 ROD
- 188/71.1 .Axially movable brake element or housing
 therefor

10605598_CLSTITLES

- 188/73.31 ..Retainer for brake element
- 188/73.43 ...Including actuator slidable in plane
parallel to axis of rotation of wheel
- 188/73.44On axially extending pin
- 188/73.45Plural pins

- 6 192/111A (0 OR, 6 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/111R .Wear compensators
192/111A ..Automatic wear compensators

- 6 192/70 (1 OR, 5 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/66.1 .Axially engaging
192/70 ..Spreading

- 5 188/1.11L (3 OR, 2 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR
188/1.11W .Wear
188/1.11L ..Electrical

- 5 188/250B (0 OR, 5 XR)
Class 188 : BRAKES
188/381 . FRICTIONAL VIBRATION DAMPER
188/250R .Shoes
188/250B ..Shoe construction

- 5 188/71.1 (4 OR, 1 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor

- 5 188/72.4 (1 OR, 4 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/72.1 ..With means for actuating brake element
188/72.4 ...By fluid pressure piston

- 5 188/72.6 (0 OR, 5 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/72.1 ..With means for actuating brake element
188/72.4 ...By fluid pressure piston
188/72.6And/or mechanical linkage

- 5 188/73.1 (1 OR, 4 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.1 ..Structure of brake element

10605598_CLSTITLES

Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/73.31 ..Retainer for brake element
 188/73.32 ...Having means to facilitate changing brake element

4 188/73.35 (1 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/73.31 ..Retainer for brake element
 188/73.35 ...Having actuator and means to prevent vibration thereof

3 138/30 (0 OR, 3 XR)
 Class 138 : PIPES AND TUBULAR CONDUITS
 138/26 WITH PRESSURE COMPENSATORS
 138/30 .Variable capacity chambers

3 188/1.11W (1 OR, 2 XR)
 Class 188 : BRAKES
 188/1.11R WITH CONDITION INDICATOR
 188/1.11W .Wear

3 188/106F (0 OR, 3 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/105 .Multiple
 188/106R ..Vehicle
 188/106F ...Fluid and mechanical

3 188/196BA (1 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/196R .Slack
 188/196B ..Ratchet
 188/196BA ...Rotatable

3 188/218R (2 OR, 1 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/218R .Brake wheels

3 188/250G (1 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/250R .Shoes
 188/250G ..Surfaces and fasteners

3 188/250R (0 OR, 3 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/250R .Shoes

3 188/251M (1 OR, 2 XR)
 Class 188 : BRAKES

10605598_CLSTITLES

- 188/381 FRICTIONAL VIBRATION DAMPER
- 188/250R .Shoes
- 188/251R ..Composite
- 188/251M ...Metallic surfaces

- 3 188/264A (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/264R .Cooling and lubricating
 - 188/264A ..Air-cooled, axially engaging

- 3 188/264R (0 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/264R .Cooling and lubricating

- 3 188/70R (2 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/70R .Axially and transversely movable

- 3 188/73.2 (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
 therefor
 - 188/73.1 ..Structure of brake element
 - 188/73.2 ...Circumferential or circumferentially spaced

- 3 188/73.38 (0 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
 therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.37 ...Having means to prevent vibration of brake
 element
 - 188/73.38 Spring

- 3 188/73.43 (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
 therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.43 ...Including actuator slidable in plane
 parallel to axis of rotation of wheel

- 3 192/107M (0 OR, 3 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/107R .Engaging surfaces
 - 192/107M ..Material

- 3 192/30W (0 OR, 3 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/30W .Warning, indicating, and signal devices

10605598_CLSTITLES

- 3 192/70.13 (1 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/66.1 .Axially engaging
 - 192/70.11 ..Interposed, mating clutch-elements
 - 192/70.13 ...With removable or replaceable or interchangeable clutch parts

- 3 192/83 (0 OR, 3 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/82R .Operators
 - 192/83 ..Multiple for same clutch

- 3 303/87 (3 OR, 0 XR)
 - Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 - 303/87 PULSATION NEUTRALIZERS

- 2 29/416 (1 OR, 1 XR)
 - Class 029 : METAL WORKING
 - 29/592 METHOD OF MECHANICAL MANUFACTURE
 - 29/412 .Obtaining plural product pieces from unitary workpiece
 - 29/416 ..Coacting pieces

- 2 74/574 (0 OR, 2 XR)
 - Class 074 : MACHINE ELEMENT OR MECHANISM
 - 74/469 CONTROL LEVER AND LINKAGE SYSTEMS
 - 74/572 .Flywheels and rotors
 - 74/574 ..With vibration damping means

- 2 82/112 (2 OR, 0 XR)
 - Class 082 : TURNING
 - 82/112 PORTABLE LATHE FOR BRAKE DRUM, DISC, OR SHOE

- 2 139/452 (2 OR, 0 XR)
 - Class 139 : TEXTILES: WEAVING
 - 139/116.1 WEFT MANIPULATION
 - 139/429 .Weaving with stationary weft supply
 - 139/450 ..Weft handling
 - 139/452 ...Measuring or storing

- 2 188/1.11R (1 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/1.11R WITH CONDITION INDICATOR

- 2 188/171 (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/166 .Spring
 - 188/171 ..Electric release

- 2 188/196M (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/196R .Slack
 - 188/196M ..Manual

10605598_CLSTITLES

- 2 188/217 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/217 .Brake-thrust distributors
- 2 188/251A (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/250R .Shoes
 188/251R ..Composite
 188/251A ...Materials
- 2 188/264D (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/264R .Cooling and lubricating
 188/264D ..Liquid cool
- 2 188/264E (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/264R .Cooling and lubricating
 188/264E ..Wet friction surface and internal resistance
- 2 188/2D (0 OR, 2 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/2D .Bowdin wire-operated
- 2 188/370 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/151R .Fluid pressure
 188/152 ..Road vehicle
 188/361 ...Wheel brake operating assembly
 188/369 With axially movable brake member
 188/370 Spot type
- 2 188/71.3 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.3 ..Antipodal, relatively separable brake
 elements
- 2 188/72.1 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
- 2 188/72.5 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor

10605598_CLSTITLES

- 188/72.1 ..With means for actuating brake element
- 188/72.4 ...By fluid pressure piston
- 188/72.5 Piston for each of plural elements

- 2 188/73.34 (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.32 ...Having means to facilitate changing brake element
 - 188/73.33 By manipulation of brake actuator
 - 188/73.34 Pivotable actuator

- 2 188/73.37 (1 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.37 ...Having means to prevent vibration of brake element

- 2 192/13R (2 OR, 0 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/12R CLUTCH AND BRAKE
 - 192/13R .Vehicle type

- 2 192/70.12 (0 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/66.1 .Axially engaging
 - 192/70.11 ..Interposed, mating clutch-elements
 - 192/70.12 ...With means to cool or lubricate clutch parts

- 2 192/70.25 (0 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/66.1 .Axially engaging
 - 192/70.11 ..Interposed, mating clutch-elements
 - 192/70.25 ...With adjustable means to move clutch-element axially (e.g., to compensate for wear)

- 2 192/70.27 (0 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/66.1 .Axially engaging
 - 192/70.11 ..Interposed, mating clutch-elements
 - 192/70.27 ...With spring means to move clutch-element axially

- 2 192/85AA (1 OR, 1 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/82R .Operators
 - 192/85R ..Fluid pressure
 - 192/85AA ...Axially engaging clamping rotating motor and

10605598_CLSTITLES
clutch

- 2 192/93R (0 OR, 2 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/30R CLUTCHES
192/82R .Operators
192/93R ..Cam
- 2 242/365.4 (0 OR, 2 XR)
Class 242 : WINDING, TENSIONING, OR GUIDING
242/364 UNIDIRECTIONAL WINDING AND UNWINDING
242/364.6 .Variable number of windings on support
242/365.3 ..Stationary winding surface (e.g., with flyer)

242/365.4 ...Brake providing resistance to removal of
material
- 2 242/422.8 (1 OR, 1 XR)
Class 242 : WINDING, TENSIONING, OR GUIDING
242/410 TENSION CONTROL OR BRAKE
242/416 .Supply controlled
242/422 ..Yieldable coil brake
242/422.4 ...Radially applied
242/422.8Strap
- 2 267/161 (1 OR, 1 XR)
Class 267 : SPRING DEVICES
267/158 BENDABLE ALONG FLAT SURFACE (E.G., LEAF SPRING)

267/161 .Ring or annular spider
- 2 280/93.512 (0 OR, 2 XR)
Class 280 : LAND VEHICLES
280/29 WHEELED
280/80.1 .Running gear
280/771 ..Occupant steered
280/93.502 ...Linkage
280/93.512Kingpin, steering knuckle, steering arm, or
wheel carrier construction
- 2 301/6.3 (0 OR, 2 XR)
Class 301 : LAND VEHICLES: WHEELS AND AXLES
301/5.1 WHEEL
301/6.1 .With drive or brake attachment
301/6.3 ..And with brake-cooling means
- 2 301/6.91 (0 OR, 2 XR)
Class 301 : LAND VEHICLES: WHEELS AND AXLES
301/5.1 WHEEL
301/6.1 .With drive or brake attachment
301/6.91 ..Having vibration damper or heat insulator
- 2 340/454 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5 LAND VEHICLE ALARMS OR INDICATORS
340/438 .Internal alarm or indicator responsive to a
condition of the vehicle
340/453 ..Brake or clutch condition
340/454 ...Wear

EAST 4/21/04

L Number	Hits	Search Text	DB	Time stamp
----------	------	-------------	----	------------

1	148	("4256209" "5012901" "6233533" "5893445" "4247124" "6029781" "6227340" "4316529" "5738189" "4311219" "4540067" "4856620" "4928798" "5433298" "4383593" "4276963" "4358002" "4503944" "4550810" "4613021" "4804071" "6230852" "4321984" "4334597" "4480725" "4501346" "4787482" "4796730" "4860865" "5205382" "5330034" "5535857" "5568846" "5651430" "5699881" "5788026" "5826685" "5864935" "5868233" "5906253" "6006869" "6085875" "6119828" "6186285" "6267209" "4526329" "4570874" "6058982" "6058982" "5203434").pn. ("5255874" "4043431" "4310131" "4523499" "4530881" "4632227" "4775114" "4895236" "5232231" "5328008" "5551262" "5749416" "6105730" "6241056" "6325185" "6386340" "4276965" "4285417" "5366047" "5765667" "4606436"	USPAT; US-PGPUB	2004/04/21 10:34
---	-----	--	--------------------	------------------

-	13	cast adj iron adj alloy with brak\$4 with (rotor or disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:02
-	1373	(radius\$4 or diameter) near6 (rotor or disk or disc) with brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:03
-	76	(radial or radius or diameter) near5 (extent or length) with brak\$4 near4 (lining or pad or shoe)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:06
-	1865	(extent or length) with brak\$4 near4 (lining or pad or shoe)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:07
-	13	((radius\$4 or diameter) near6 (rotor or disk or disc) with brak\$4) same ((extent or length) with brak\$4 near4 (lining or pad or shoe))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:07
-	1	ratio same (((radius\$4 or diameter) near6 (rotor or disk or disc) with brak\$4) same ((extent or length) with brak\$4 near4 (lining or pad or shoe)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:08
-	93	ratio with brak\$4 with (rotor or disk or disc) with (pad or lining or shoe)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 08:39
-	10	ratio with brak\$4 with (rotor or disk or disc) with (pad or lining or shoe) with (radius\$4 or diameter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:10
-	3	brak\$4 with wear adj zone	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:11
-	2008	axle near4 (load\$4 or pressure) with brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:11
-	74	axle near4 (load\$4 or pressure) with brak\$4 with (rotor or disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:12
-	11	axle near4 (load\$4 or pressure) with brak\$4 with (rotor or disk or disc) and heavy near3 (vehicle or lorry or truck)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:13
-	0	axle near4 (load\$4 or pressure) with brak\$4 with (rotor or disk or disc) and heavy near3 (vehicle or lorry or truck) and tonnes	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:13
-	1	axle near4 (load\$4 or pressure) with brak\$4 with (rotor or disk or disc) and heavy near3 (vehicle or lorry or truck) and tons	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 06:15
-	1	axle near4 (load\$4 or pressure) with brak\$4 with (rotor or disk or disc) with tons!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 07:22
-	1	DE adj2 "19507102"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 07:57
-	1	1996-403743.NRAN.	DERWENT	2004/04/21 07:22
-	1	1996-403743.NRAN.	DERWENT	2004/04/21 07:24

-	6	DE adj2 "3736126"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 08:04
-	1	6347691.pn.	USPAT; US-PGPUB	2004/04/21 08:08
-	1	"6347691"	USPAT; US-PGPUB	2004/04/21 08:08
-	1	"6467590"	USPAT; US-PGPUB	2004/04/21 08:08
-	6	("4705146" "5139117" "5417313" "5735366" "6161660" "6241054").PN.	USPAT	2004/04/21 08:11
-	6	("4705146" "5139117" "5417313" "5735366" "6161660" "6241054").PN.	USPAT	2004/04/21 08:16
-	1	de adj "2458048"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 08:18
-	1	de adj "4041010"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 08:19
-	1	1991-201773.NRAN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 08:18
-	1	de adj "19507102"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 08:19
-	5	jp near2 "62-97329"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 08:21
-	1	1996-465518.NRAN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 08:35
-	2	"4133593" near2 de	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 08:40
-	17	radius with (arc or chord) with (width or length or height) with brak\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:31
-	44116	brak\$4 near3 (rotor or disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:31
-	1190	brak\$4 near3 (rotor or disk or disc) with brak\$3 adj torque	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:31
-	7	brak\$4 near3 (rotor or disk or disc) with brak\$3 adj torque with truck	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:32
-	0	brak\$4 near3 (rotor or disk or disc) same brak\$3 adj torque with truck same axle and (bandwear or band adj wear)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:33
-	8	brak\$4 near3 (rotor or disk or disc) same brak\$3 adj torque with truck same axle	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:34
-	0	5568846.pn. and cast adj iron	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:34
-	0	5568846.pn. and iron	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:37

-	8	Hulten.in. and Dagh.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:38
-	1	2002-572716.NRAN.	DERWENT	2004/04/21 09:38
-	114	volvo.asn. and (brak\$4 near3 (rotor or disk or disc))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:51
-	2	volvo.asn. and (brak\$4 near3 (rotor or disk or disc)) and cast adj iron	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:42
-	1	2002-572716.NRAN.	DERWENT	2004/04/21 09:40
-	2	Disk near2 brake and heavy adj vehicle and rotor and cast with iron with alloy	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:43
-	19	Disk near2 brake same rotor same cast with iron with alloy	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 09:43
-	63	volvo.asn. and (brak\$4 near3 (rotor or disk or disc))	EPO; DERWENT	2004/04/21 10:33